

## ABSTRACT OF THE DISCLOSURE

A thermoelectric converting device includes a P type thermoelectric element, an N type thermoelectric element, the N type thermoelectric element connected with the P type thermoelectric element alternately to be electrically in series, an electrode circuit contacting the P type thermoelectric element and the N type thermoelectric element, an insulation substrate, at least one electric circuit forming a layer with the electrode circuit via the insulation substrate, and a conduction member for electrically conducting the electrode circuit and the electric circuit.